

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		driv\$6 same liquid same crystal same display and first same n-th same pixel\$6 and first same n-th same signal same voltage\$1 and appl\$6 and first same n-th same pixel\$1 same electrode\$1 and first same n-th same pixel\$1 and respectively same first same (sub-frame\$6 or sub adj frame or sub same frame) period; wherein (n+l)-th to 2n-th signal voltages are to be applied to the first to n-th pixel electrodes respectively in a second sub-frame period, wherein response periods of liquid crystal of the first to n-th pixels from when the first to n-th signal voltages are applied to when the (n+l)-th to 2n-th signal voltages are applied respectively are calculated, and wherein in an order of the calculated response periods of liquid crystal of the first to n-th pixels from longest to shortest, the (n+l)-th to 2n-th signal voltages are applied to the first to n-th pixel electrodes in the second sub-frame period	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:19
L1	1	"6522319".pn. and gray\$6 same scal\$6 and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 07:53
L2	1	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and (gray\$6 same scal\$6 or gamma same correct\$6 or grad\$6) and detect\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:26
L3	2	"6424331".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:27
L4	1	"6424331".pn. and detect\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:27

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L5	1	"6522319".pn. and gray\$6 same scal\$6 and color\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 11:50
L6	1	"6522319".pn. and (gray\$6 same scal\$6 or grad\$6 or gamma same correct\$6) and color\$6 and contrast\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 12:09
L7	1	"6522319".pn. and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 12:09
S1	308	driv\$6 same liquid same crystal same display and first same n-th same pixel\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:16
S2	0	driv\$6 same liquid same crystal same display and first same n-th same pixel\$6 and first same n-th same signal same voltage\$1 and appl\$6 and first same n-th same pixel\$1 same electrode\$1 and first same n-th same pixel\$1 and respectively same first same (sub-frame\$6 or sub adj frame or sub same frame) same period\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:21
S3	88	driv\$6 same liquid same crystal same display and first same n-th same pixel\$6 and first same n-th same signal\$6 same voltage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:21
S4	0	driv\$6 same liquid same crystal same display and first same n-th same pixel\$6 and first same n-th same signal\$6 same voltage\$1 and appl\$6 and first same n-th same pixel\$1 same electrode\$1 and first same n-th same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:22
S5	39	driv\$6 same liquid same crystal same display and first same n-th same pixel\$6 and first same n-th same signal\$6 same voltage\$1 and Apply\$6 and first same n-th same pixel\$1 same electrode\$1 and first same n-th same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:22

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S6	0	driv\$6 same liquid same crystal same display and first same n-th same pixel\$6 and first same n-th same signal\$6 same voltage\$1 and Apply\$6 and first same n-th same pixel\$1 same electrode\$1 and first same n-th same pixel\$1 and respectively same first same (sub-frame\$6 or sub adj frame or sub same frame) same period\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:23
S7	0	driv\$6 same liquid same crystal same display and first same n-th same pixel\$6 and first same n-th same signal\$6 same voltage\$1 and Apply\$6 and first same n-th same pixel\$1 same electrode\$1 and first same n-th same pixel\$1 and first same (sub-frame\$6 or sub adj frame or sub same frame) same period\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:23
S8	2	driv\$6 same liquid same crystal same display and first same n-th same pixel\$6 and first same n-th same signal\$6 same voltage\$1 and Apply\$6 and first same n-th same pixel\$1 same electrode\$1 and first same n-th same pixel\$1 and first same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:24
S9	2	driv\$6 same liquid same crystal same display and first same n-th same pixel\$6 and first same n-th same signal\$6 same voltage\$1 and Apply\$6 and first same n-th same pixel\$1 same electrode\$1 and first same n-th same pixel\$1 and first same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:31
S10	15	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:32

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S11	14	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 same period\$1 same liquid same crystal same calculate\$6 and order\$6 same calculate\$6 same response\$6 same period\$1 same liquid same crystal same pixel\$1 same long\$6 same short\$6 same signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame\$6 same period\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 09:49
S12	14	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 same period\$1 same liquid same crystal same calculate\$6 and order\$6 same calculate\$6 same response\$6 same period\$1 same liquid same crystal same pixel\$1 same long\$6 same short\$6 same signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame\$6 same period\$1 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 10:50

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S13	14	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 same period\$1 same liquid same crystal same calculate\$6 and order\$6 same calculate\$6 same response\$6 same period\$1 same liquid same crystal same pixel\$1 same long\$6 same short\$6 same signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame\$6 same period\$1 and "345"/\$.ccls. and gray\$6 same scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 10:58
S14	0	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 same period\$1 same liquid same crystal same calculate\$6 and order\$6 same calculate\$6 same response\$6 same period\$1 same liquid same crystal same pixel\$1 same long\$6 same short\$6 same signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame\$6 same period\$1 and "345"/\$.ccls. and gray\$6 same scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:00
S17	4	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:02

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S18	1	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 same period\$1 same liquid same crystal same calculate\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:35
S19	0	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 same period\$1 same liquid same crystal same calculate\$6 and order\$6 same calculate\$6 same response\$6 same period\$1 same liquid same crystal same pixel\$1 same long\$6 same short\$6 same signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame\$6 same period\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:04
S20	1	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 same period\$1 same liquid same crystal same calculate\$6 and order\$6 same calculate\$6 same response\$6 same period\$1 same liquid same crystal same pixel\$1 same long\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:05

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S21	1	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 same period\$1 same liquid same crystal same calculate\$6 and order\$6 same calculate\$6 same response\$6 same period\$1 same liquid same crystal same pixel\$1 same long\$6 same signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame\$6 same period\$1 and "345"/\$.ccls. and gray\$6 same scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:06
S22	1	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 same period\$1 same liquid same crystal same calculate\$6 and order\$6 same calculate\$6 same response\$6 same period\$1 same liquid same crystal same pixel\$1 same long\$6 same signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame\$6 same period\$1 and "345"/\$.ccls. and gray\$6 same scal\$6 and short\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:07
S23	2	"6473117".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:28
S24	0	"6473117".pn. and sub adj frame same green	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:30

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S25	0	"6473117".pn. and (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) same green	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:31
S26	0	"6473117".pn. and gray\$6 adj scale\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:31
S27	2	"6473117".pn. and contrast\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:31
S28	1	"20020075216" and (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) same green	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:34
S29	1	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 and period\$1 and calculate\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:37
S30	4	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:39

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S31	7852874	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 and calculate\$6 or compute\$6 or add\$6 or multiply\$6 or subtract\$6 or divid\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:41
S32	4	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period and response\$6 and (calculate\$6 or compute\$6 or add\$6 or multiply\$6 or subtract\$6 or divid\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 12:43
S33	4	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1 AND SECOND SAME signal\$6 same voltage\$1 same appli\$6 same pixel\$1 same electrode\$1 same second same sub-frame same period	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 15:47
S34	15	driv\$6 same liquid same crystal same display and pixel\$6 SAME signal\$6 same voltage\$1 SAME Apply\$6 same pixel\$1 same electrode\$1 same (sub-frame\$6 or sub adj frame\$6 or sub same frame\$6) AND period\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 15:48
S35	82447	driv\$6 same liquid same crystal same display\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 20:06
S36	21	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 20:27

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S37	17	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and plural\$6 same pixel\$1 same electrode\$1 and plural\$6 same pixel\$1 same connect\$6 same signal\$6 same line\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 07:39
S38	1	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and plural\$6 same pixel\$1 same electrode\$1 and plural\$6 same pixel\$1 same connect\$6 same signal\$6 same line\$1 and display\$6 same common same gray same scale\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 20:23
S39	0	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 adj apply\$6 adj common adj signal\$6 adj voltage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 20:24
S40	0	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 adj apply\$6 adj common adj signal\$6 adj voltage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 20:24
S41	1	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 20:56
S42	3	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and (gray\$6 same scal\$6 or gamma same correct\$6 or grad\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:25
S43	1	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 21:35
S44	1	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:40

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S45	1	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and RGB	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 22:16
S46	1	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and RGB and select\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 22:24
S47	0	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and RGB and select\$6 same non same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 22:25
S48	1	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and RGB and select\$6 same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:24
S49	656	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:27
S50	92	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:34
S51	1	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and apply\$6 same common same signal\$6 same voltage\$1 and display\$6 same common same gray same scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:32

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S52	0	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and apply\$6 same common same signal\$6 same voltage\$1 and display\$6 same common same gray same scal\$6 and decod\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:33
S53	0	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and apply\$6 same common same signal\$6 same voltage\$1 and display\$6 same common same gray same scal\$6 and address\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:33
S54	3	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and address\$6 and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:39
S55	1	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and apply\$6 same common same signal\$6 same voltage\$1 and display\$6 same common same gray same scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:34
S56	0	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and address\$6 and decod\$6 and apply\$6 and common same signal\$6 same voltage\$1 and display\$6 same common same gray same scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:37
S57	0	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and address\$6 and decod\$6 and apply\$6 and common same signal\$6 same voltage\$1 and display\$6 same common and gray same scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:36
S58	0	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and address\$6 and decod\$6 and apply\$6 and common same signal\$6 same voltage\$1 and display\$6 and gray same scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:36

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S59	2	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and address\$6 and decod\$6 and apply\$6 and common same signal\$6 same voltage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:39
S60	1	driv\$6 same liquid same crystal same display\$6 and detect\$6 same pixel\$1 same connect\$6 same electrod\$1 same signal\$6 same line\$1 and address\$6 and decod\$6 and apply\$6 and common same signal\$6 same voltage\$1 and display\$6 same common same (gray same scal\$6 or ocntrast\$6 or gamma same correct\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:38
S61	0	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and address\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:40
S62	0	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and address\$6 and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:42
S63	0	driv\$6 same liquid same crystal same display\$6 and step\$6 same simultaneous\$6 same apply\$6 same common and signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and address\$6 and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:42
S64	0	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 same apply\$6 same common and signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and address\$6 and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:43
S65	22	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 same apply\$6 and common and signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and address\$6 and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 06:43

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S66	17	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 same apply\$6 and common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and address\$6 and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 07:57
S67	1	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 same apply\$6 and common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and color\$6 same light\$6 and address\$6 same decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 07:55
S68	32	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 same apply\$6 and common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and address\$6 and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 07:59
S69	3	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 same apply\$6 and common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and sequen\$6 and address\$6 same decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 07:58
S70	34	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 same apply\$6 and common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and address\$6 and decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 07:59
S71	3	driv\$6 same liquid same crystal same display\$6 and simultaneous\$6 same apply\$6 and common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and address\$6 same decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:00
S72	11	liquid same crystal same display\$6 and driv\$6 and simultaneous\$6 same apply\$6 and common same signal\$6 same voltage\$1 and gray\$6 adj scal\$6 and address\$6 same decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:05
S73	41	liquid same crystal same display\$6 and driv\$6 and (simultaneous\$6 and apply\$6 and common same signal\$6 same voltage\$1) and gray\$6 adj scal\$6 and address\$6 same decod\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:05
S74	8	liquid same crystal same display\$6 and driv\$6 and (simultaneous\$6 and apply\$6 and common same signal\$6 same voltage\$1) and gray\$6 adj scal\$6 and address\$6 same decod\$6 same scan\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:08

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S75	8	liquid same crystal same display\$6 and driv\$6 and (simultaneous\$6 and apply\$6 and common same signal\$6 same voltage\$1) and (common and gray\$6 adj scal\$6) and address\$6 same decod\$6 same scan\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:17
S76	1	"6522319".pn. and gray\$6 same scal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 11:47